

**Notice of Allowability**

Application No.

10/804,151

Examiner

Travis M. Reis

Applicant(s)

RODI, ANTON

Art Unit

2859

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address--

All claims being allowable, PROSECUTION ON THE MERITS IS (OR REMAINS) CLOSED in this application. If not included herewith (or previously mailed), a Notice of Allowance (PTOL-85) or other appropriate communication will be mailed in due course. **THIS NOTICE OF ALLOWABILITY IS NOT A GRANT OF PATENT RIGHTS.** This application is subject to withdrawal from issue at the initiative of the Office or upon petition by the applicant. See 37 CFR 1.313 and MPEP 1308.

1. ☒ This communication is responsive to amendment filed 6/22/5.
2. ☒ The allowed claim(s) is/are 1-16.
3. ☒ The drawings filed on 22 June 2005 are accepted by the Examiner.
4. ☒ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
  - a) ☒ All   b) ☐ Some\*   c) ☐ None   of the:
    1. ☒ Certified copies of the priority documents have been received.
    2. ☐ Certified copies of the priority documents have been received in Application No. \_\_\_\_\_.
    3. ☐ Copies of the certified copies of the priority documents have been received in this national stage application from the International Bureau (PCT Rule 17.2(a)).

\* Certified copies not received: \_\_\_\_\_.

Applicant has THREE MONTHS FROM THE "MAILING DATE" of this communication to file a reply complying with the requirements noted below. Failure to timely comply will result in ABANDONMENT of this application.  
**THIS THREE-MONTH PERIOD IS NOT EXTENDABLE.**

5. ☐ A SUBSTITUTE OATH OR DECLARATION must be submitted. Note the attached EXAMINER'S AMENDMENT or NOTICE OF INFORMAL PATENT APPLICATION (PTO-152) which gives reason(s) why the oath or declaration is deficient.
  6. ☐ CORRECTED DRAWINGS ( as "replacement sheets") must be submitted.
    - (a) ☐ including changes required by the Notice of Draftsperson's Patent Drawing Review ( PTO-948) attached
      - 1) ☐ hereto or 2) ☐ to Paper No./Mail Date \_\_\_\_\_.
    - (b) ☐ including changes required by the attached Examiner's Amendment / Comment or in the Office action of Paper No./Mail Date \_\_\_\_\_.
- Identifying indicia such as the application number (see 37 CFR 1.84(c)) should be written on the drawings in the front (not the back) of each sheet. Replacement sheet(s) should be labeled as such in the header according to 37 CFR 1.121(d).
7. ☐ DEPOSIT OF and/or INFORMATION about the deposit of BIOLOGICAL MATERIAL must be submitted. Note the attached Examiner's comment regarding REQUIREMENT FOR THE DEPOSIT OF BIOLOGICAL MATERIAL.

**Attachment(s)**

- |   |  |
|---|--|
| 1. <input type="checkbox"/> Notice of References Cited (PTO-892)  | 5. <input type="checkbox"/> Notice of Informal Patent Application (PTO-152)            |
| 2. <input type="checkbox"/> Notice of Draftsperson's Patent Drawing Review (PTO-948)                                | 6. <input type="checkbox"/> Interview Summary (PTO-413),<br>Paper No./Mail Date _____. |
| 3. <input type="checkbox"/> Information Disclosure Statements (PTO-1449 or PTO/SB/08),<br>Paper No./Mail Date _____ | 7. <input type="checkbox"/> Examiner's Amendment/Comment                               |
| 4. <input type="checkbox"/> Examiner's Comment Regarding Requirement for Deposit<br>of Biological Material          | 8. <input checked="" type="checkbox"/> Examiner's Statement of Reasons for Allowance   |
|   | 9. <input type="checkbox"/> Other _____.   |

Art Unit: 2859

***Reasons for Allowance***

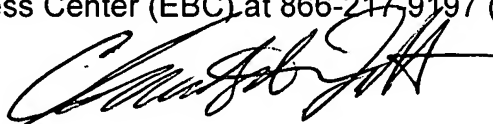
1. The following is a statement of reasons for the indication of allowable subject matter:

With reference to claims 1-16, the prior art of record does not disclose or clearly suggest a measuring system comprising at least two segments identically created for the generation of absolute values, each of said at least two segments including a measurement track for generating the absolute value within said segments, and at least one suitable track being at least one part of said at least one track for determining the absolute value of the particular segment reached by a sensor configuration, in combination with the remaining limitations in the claims.

***Conclusion***

2. Inquiries concerning this, or earlier, communication from the examiner should be directed to Travis M. Reis (571) 272-2249; 8--5 M--F. If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Diego Gutierrez can be reached on (571) 272-2245. The fax phone number for the organization where this application or proceeding is assigned is 703-872-9306. Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free).

Travis M Reis  
Examiner  
Art Unit 2859



Diego Gutierrez  
Supervisory Patent Examiner  
Tech Center 2800

tmr  
July 25, 2005

**CHRISTOPHER W. FULTON  
PRIMARY EXAMINER**

Applic. No.: 10/804,151  
 Amdt. Dated June 22, 2005  
 Reply to Office action of March 22, 2005  
 Replacement Sheet

3/3

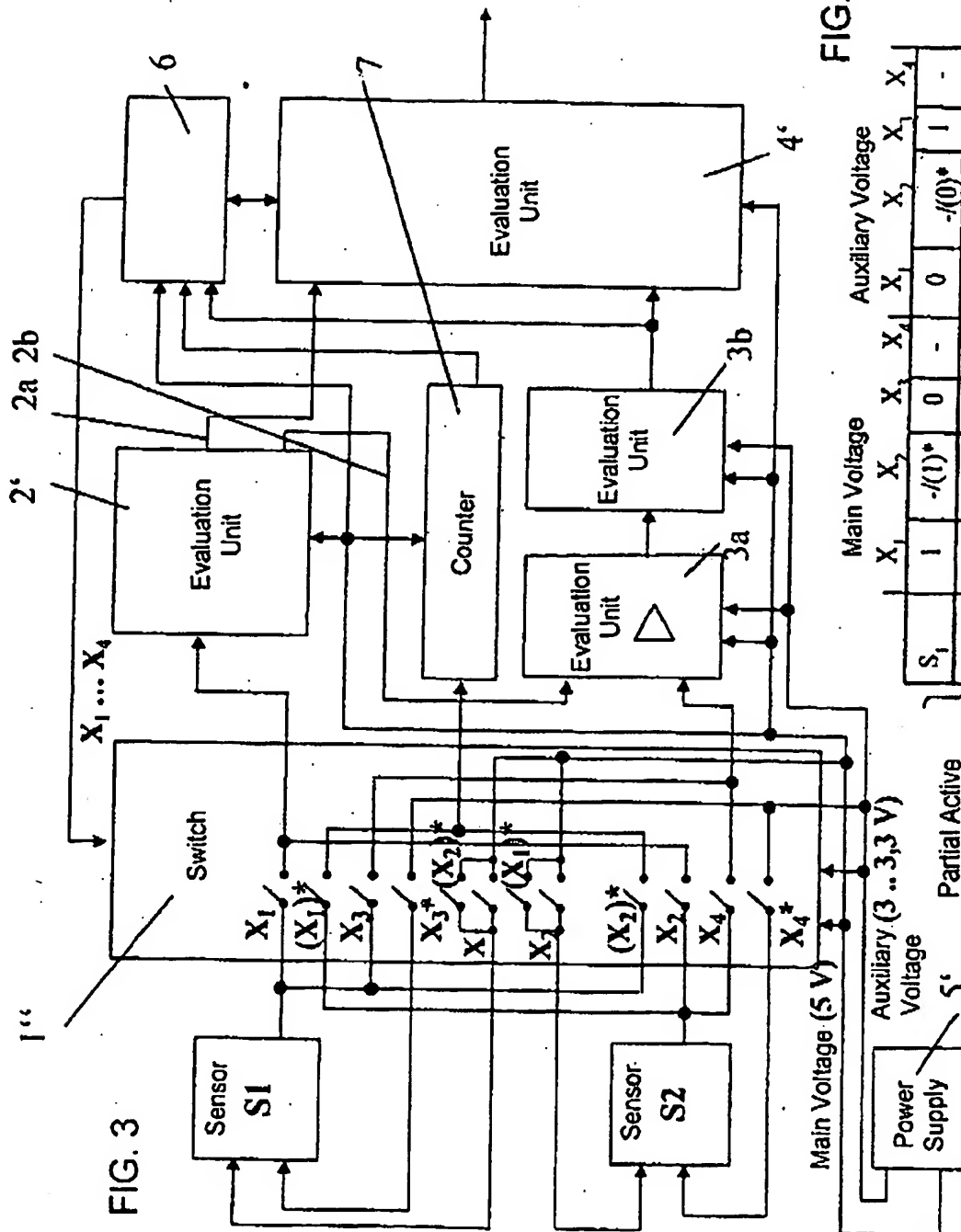


FIG. 3A

|            | Main Voltage |        |       |       | Auxiliary Voltage |        |       |       |
|------------|--------------|--------|-------|-------|-------------------|--------|-------|-------|
|            | $X_1$        | $X_2$  | $X_3$ | $X_4$ | $X_1$             | $X_2$  | $X_3$ | $X_4$ |
| $S_1$      | 1            | -/(1)* | 0     | -     | 0                 | -/(0)* | 1     | -     |
| $S_2$      | -/(1)*       | 1      | -     | 0     | -/(0)*            | 0      | -     | 1     |
| $S_1(S_2)$ | 1            | 0/(1)* | 0     | 0     | 0                 | 0/(0)* | 1     | 0     |
| $S_2(S_1)$ | 0/(1)*       | 1      | 0     | 0     | 0/(0)*            | 0      | 0     | 1     |

Partial Active Redundancy (1/0)  
 Passive Redundancy ( $S_{1,2}$ )